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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* |
|---------------------|-----------------|---------|---------------|-------|----------|--------------------------------|
| MN | 5 4 9 5 1 6 2 | 2/27/96 | Rozman et al. | | | |
| | 5 7 2 6 5 5 7 | 3/10/98 | Umeda et al. | | | |
| | 5 9 4 2 8 1 8 | 8/24/99 | Satoh et al. | | | |
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FOREIGN PATENT DOCUMENTS

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| | | | | | | YES | NO |
| MN | WO 98/28832 | 7/2/98 | PCT | | | | |
| | EP 0 778 662 A1 | 6/11/97 | EP | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| MN | Search Report for PCT/US01/01669 |
| MN | Esam Hamid Ismail et al. "Single-Switch 3 ϕ PWM Low Harmonic Rectifiers", IEEE Transactions On Power Electronics, Vol 11 No.2, March 1996, pp.338-346. |
| | Vahe Caliskan et al. "Analysis of Three-Phase Rectifiers with Constant-Voltage Loads" 6 pages, July 1999 |
| MN | G. Venkataramanan et al. "Variable Speed Operation of Permanent Magnet Alternator Wind Turbines Using a Single Switch Power Converter", Journal of Solar Energy-Transactions of the Asme Vol.118 No.4, November 1996, pp. 235-238. |
| MN | A.R. Prasad et al. "An Active Power Factor Correction Technique for Three-Phase Diode Rectifiers" IEEE Transaction Power Electronics, Vol. 6 No. 1 January 1991, pp.83-92. |

Examiner

Date Considered:

2/4/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

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